

## CLAIMS

1. A composition comprising, in a cosmetically acceptable medium:

- 5                   - solid mineral particles comprising at least one element selected from the group consisting of columns IIa, IIIa and IVa of the Periodic Table of the Elements, and
- at least one polyalkyleneimine,
- 10                   the polyalkyleneimine/mineral particle weight ratio being 0.1 - 0.0001.

2. The composition according to Claim 1, wherein the solid particles have a number-average primary size of 2 nm - 2 microns.

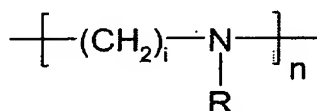
- 15                   3. The composition according to Claim 1, wherein the particles are selected from the group consisting of particles comprising at least 10% by weight of calcium carbonate, particles comprising at least one silicate, particles comprising at least 90%
- 20 aluminium oxide, silicas, magnesium oxide, barium sulphate, and mixtures thereof.

4. The composition according to Claim 1, wherein the particles comprise at least 50% by weight of calcium carbonate.

- 25                   5. The composition according to Claim 1, wherein the particles are particles of substantially pure calcium carbonate.

6. The composition according to Claim 1, wherein the solid particles are present in an amount of 0.01% - 30% by weight.

7. The composition according to Claim 1, comprising a polyalkyleneimine comprising the following repeating units:

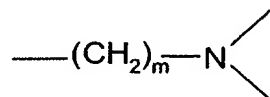


10 in which:

i represents an integer greater than or equal to 2;

n represents an integer ranging from 6 to 20 000;

15 R represents a hydrogen atom or a unit



20 in which m represents an integer greater than or equal to 2.

8. The composition according to Claim 1, comprising a poly(C2-C4)alkyleneimine.

9. The composition according to Claim 1, comprising a polyethyleneimine.

10. The composition according to Claim 1, wherein the said polyalkyleneimine(s) has (have) a weight-average molecular weight ranging of 300 - 100 000.

5           11. The composition according to Claim 10, wherein the said polyalkyleneimine(s) has (have) a weight-average molecular weight of 350 - 50 000.

12. The composition according to Claim 11, wherein the said polyalkyleneimine(s) has (have) a  
10 weight-average molecular weight of 400 - 10 000.

13. The composition according to Claim 1, wherein the said polyalkyleneimine(s) is (are) present in an amount of 0.0005% - 5% by weight relative to the total weight of the composition.

15           14. The composition according to Claim 1, further comprising at least one additive selected from the group consisting of foam synergists, silicone-based or non-silicone-based sunscreens, surfactants, anionic, nonionic, amphoteric or cationic polymers other than  
20 polyalkyleneimines, proteins, protein hydrolysates, hydroxy acids, vitamins, provitamins, and volatile or non-volatile, linear or cyclic, crosslinked or non-crosslinked, organomodified or non-organomodified silicones.

15. The composition according to Claim 2,  
wherein the solid particles have a number-average  
primary size of 10 - 250 nm.

16. The composition according to Claim 1,  
5 wherein the particles comprise more than 90% by weight  
of calcium carbonate.

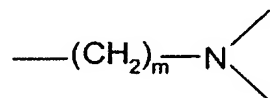
17. The composition according to Claim 6,  
wherein the solid particles are present in an amount of  
0.05% - 10% by weight relative to the total weight of  
10 the composition.

18. The composition according to Claim 7,  
wherein  $i=2$ ;

$n$  represents an integer of 8 - 2 500; and

$R$  represents a hydrogen atom or a unit

15



in which  $m=2$ .

19. The composition according to Claim 1,  
20 wherein the said polyalkyleneimine(s) is (are) present  
in an amount of 0.005% - 0.25% by weight relative to  
the total weight of the composition.

20. The composition according to Claim 1,  
wherein said composition is a shampoo.

21. A method, comprising applying to human  
25 keratin the composition of claim 1.

22. The method of Claim 21, comprising  
applying said composition to human hair.

23. The method of Claim 22, wherein said  
application provides the hair with a greater sensation  
5 of thickness and better hold of the hairstyle.

24. A process for washing and conditioning  
the hair, comprising applying a washing and  
conditioning effective amount of a composition as  
defined in Claim 1 to the hair, and then rinsing the  
10 hair with water after an optional action time.